

EMERY COUNTY LANDFILL



Moving Toward The Future

January 21, 2009

Dennis R. Downs, Director
Utah Division of Solid & Hazardous Waste
288 North 1460 West
P. O. Box 144880
Salt Lake City, Utah 84114-4880

RECEIVED
JAN 28 2009
UTAH DIVISION OF
SOLID & HAZARDOUS WASTE
2009.00351

Subject: Solid Waste Landfill Annual Report

Dear Mr. Downs:

Enclosed is the Annual Report and additional required documents for Emery County Landfill.

1. 2008 Annual Report for Emery County Landfill.
2. Landfill Closure Costs and Post Closure Costs have been increased by 3% to reflect any changes for 2008.
3. Financial Assurance Document supplied by Steve Barton, Emery County Treasurer, showing the status of the Emery County Landfill Escrow Account #2576 with an ending balance of \$299,819.82 as of December 31, 2008.
4. Explosive Gas Monitoring attached are copies of the methane gas monitoring test conducted by Eric Nielson and Jay Fausett.
5. Training for the employees has been conducted by Steve Kemple. There wasn't a SWANA training offered last year.

If additional information is needed or you have any questions please contact Morris Sorensen or Lynda Smith at (435) 381-5450.

Sincerely,

Morris Sorensen,
Emery County Landfill Manager

Enclosures

SOLID WASTE LANDFILL ANNUAL REPORT

For Calendar year 2007 or most recent fiscal year

Administrative Information (Please enter all the information requested below)

Facility Name: Emery County Landfill
Facility Mailing Address: P. O. Box 889
(Number & Street, Box and/or Route)
City: Castle Dale Zip Code: 84513
County: Emery

Owner

Name: Emery County Phone No.: (435) 381-5450
Mailing Address: P. O. Box 889
(Number & Street, Box and/or Route)
City: Castle Dale, State: Utah Zip Code: 84513
Contact's Name: Morris Sorensen Title: Landfill Manager
Contact's Mailing Address: P. O. Box 889 Castle Dale, Utah 84513
Phone No.: (435) 381-5450 Contact's Email Address: morris@co.emery.ut.us

Operator (Complete this section only if the operator is not an employee of the Owner shown above)

Name: _____ Phone No.: (_____) _____
Mailing Address: _____
(Number & Street, Box and/or Route)
City: _____ State: _____ Zip Code: _____
Contact's Name: _____ Title: _____
Contact's Mailing Address: _____
Phone No.: (_____) _____ Contact's Email Address: _____

Facility Type and Status

- | | | |
|---|-------------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> Class I | <input type="checkbox"/> Class IIIb | <input type="checkbox"/> Class V |
| <input type="checkbox"/> Class II | <input type="checkbox"/> Class IVa | <input type="checkbox"/> Class VI |
| <input type="checkbox"/> Class IIIa | <input type="checkbox"/> Class IVb | |

Does the facility have a construction and demolition (C/D) cell as part of the permit (not operated under a separate permit number)? Yes _____ No X

If facility was permanently closed during the year enter date closed: _____

Annual Disposal

Total tons received at facility for disposal:

Waste Type	Waste Origin		Total	Measurement	
	In-State	Out-of-State		Tons	Cubic Yards
Municipal	<u>X</u>	_____	<u>12,126.4</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Industrial	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
C/D	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

Conversion Factor Used

- ☒ No conversion factors used
- ☐ Conversion factor from rules (R315-302-2(4)(c)) used
- ☐ Site specific conversion used Please list: _____

Recycling

Tons Recycled: 139.56 Tons/Cubic Yds
(Should not be included in the tons or cubic yards (please circle correct units) disposed above also excludes waste diverted to compost. Compost should be reported on separate form.)

Utah Disposal Fee

Disposal Fee Required
Yes ☒ No ☐

Fee Type
Per Ton ☐ Annual ☒

Disposal Fee Paid

Municipal \$ _____
Industrial \$ _____

C/D \$ _____
Annual \$ 1,450.00

Financial Assurance

Current Closure Cost Estimate: \$140,032 (Increased by 3% due to inflation)
Current Post-Closure Cost Estimate: \$93,125 (Increased by 3% due to inflation)
Current Financial Assurance Mechanism: Utah Public Treasures' Investment Funds
(ie. Bond, Trust Fund, Corporate or government Test etc.)
Financial Assurance Mechanism Holder: #2576
(ie. Name of Bond Company, Bank etc.. If PTIF Account give account number)
Current Amount or Balance in Mechanism: \$299,819.82

Other Required Reports

Financial Assurance: Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The recalculation, along with proof that the new cost estimates are fully covered by the assurance mechanism currently be utilized, must be submitted. Facilities that are using a trust account should include a copy of the most recent account statement.

Note Facilities using "Local Government Financial Test" must provide the information required in R315-309-3(7)(d) each year.

Ground Water Monitoring: Each facility that is required to monitor ground water must submit a ground water monitoring report that contains water elevations, sampling results, and statistical analyses. Check box if facility is exempt from ground water monitoring ☒

Explosive Gas Monitoring: A gas monitoring report must be included unless the facility is a Class II landfill that has receive an exemption, a Class III, IV, or VI landfill, or any other facility that has an exemption. Check box if facility is exempt from gas monitoring ☐

Training Report: A report of all training programs or procedures completed by facility personnel during the year.

Signature: Morris Sorensen

Date: Jan 22 2009

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Print name: Morris Sorensen Title: Land Fill Manager

STATEMENT OF ACCOUNT

P T I F

UTAH PUBLIC TREASURERS' INVESTMENT FUND

Edward T. Alter, Utah State Treasurer, Fund Manager

PO Box 142315

350 N State Street, Suite 180

Salt Lake City, Utah 84114-2315

Local Call (801) 538-1042 Toll Free (800) 395-7665

www.treasurer.utah.gov

ESC-EMERY COUNTY LANDFILL

EMERY COUNTY TREASURER

PO BOX 595

CASTLE DALE UT 84513

Account**2576****Account Period**

December 01, 2008 through December 31, 2008

Summary

Beginning Balance	\$ 299,241.84	Average Daily Balance	\$ 299,241.84
Deposits	\$ 577.98	Interest Earned	\$ 577.98
Withdrawals	\$ 0.00	360 Day Rate	2.2430
Ending Balance	\$ 299,819.82	365 Day Rate	2.2742

Date	Activity	Deposits	Withdrawals	Balance
12/01/2008	FORWARD BALANCE	\$ 0.00	\$ 0.00	\$ 299,241.84
12/31/2008	REINVESTMENT	\$ 577.98	\$ 0.00	\$ 299,819.82
12/31/2008	ENDING BALANCE	\$ 0.00	\$ 0.00	\$ 299,819.82

2008	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1	HOLIDAY	18.80	8.11	76.72	30.49	****	83.13	93.16	****	54.40	43.99	****
2	50.69	1.30	****	36.21	56.70	****	117.68	7.18	83.02	33.10	****	74.21
3	32.30	****	****	37.78	19.67	74.72	59.59	****	80.05	60.44	****	36.07
4	45.63	****	56.80	48.54	****	56.33	HOLIDAY	****	55.56	9.14	67.86	34.03
5	4.07	45.21	32.19	9.17	****	26.00	55.25	73.29	61.18	****	72.42	67.62
6	****	26.33	23.16	****	104.68	68.03	****	59.45	40.46	****	36.41	13.37
7	****	20.19	41.37	****	53.63	23.24	****	40.04	****	60.96	53.43	****
8	66.83	32.01	9.33	77.46	38.25	****	94.80	55.69	****	36.24	24.58	****
9	49.09	5.67	****	60.56	85.51	****	154.53	15.76	96.35	42.50	****	63.40
10	22.98	****	****	56.56	13.90	91.74	26.53	****	71.88	48.41	****	31.55
11	44.27	****	51.26	47.29	****	51.46	51.01	****	36.24	7.53	82.85	21.03
12	3.18	53.11	39.26	19.63	****	35.16	16.62	85.48	44.90	****	51.66	42.78
13	****	28.76	25.95	****	75.58	68.42	****	56.14	13.36	****	23.51	5.73
14	****	22.09	53.30	****	74.03	15.24	****	29.27	****	81.22	51.41	****
15	59.37	39.75	12.66	89.13	42.75	****	86.80	84.01	****	57.19	12.61	****
16	30.44	3.98	****	41.16	52.32	****	49.74	8.80	75.72	29.16	****	46.90
17	21.68	****	****	39.25	20.02	70.75	42.45	****	54.80	52.30	****	23.07
18	34.42	****	110.90	88.93	****	49.18	53.37	****	46.80	11.23	82.99	26.74
19	10.56	44.28	56.26	10.91	****	30.08	9.81	80.77	54.82	****	45.17	52.92
20	****	34.43	30.90	****	87.21	58.73	****	92.75	22.43	****	27.60	4.89
21	****	27.59	85.43	****	43.94	21.71	****	54.53	****	86.04	42.71	****
22	43.24	39.31	6.03	66.94	40.47	****	93.44	120.51	****	52.57	10.31	****
23	30.32	3.07	****	52.92	82.15	****	55.20	25.01	67.27	39.58	****	62.23
24	25.61	****	****	40.71	26.66	126.86	36.49	****	39.49	53.30	****	35.43
25	38.42	****	67.90	78.87	****	81.83	62.09	****	36.55	10.10	83.68	HOLIDAY
26	2.81	49.34	45.54	27.08	****	45.46	6.00	126.68	56.23	****	36.28	42.88
27	****	32.28	22.65	****	73.32	67.04	****	78.86	6.31	****	HOLIDAY	3.05
28	****	33.41	48.46	****	47.22	8.78	****	57.09	****	67.82	50.95	****
29	42.63	40.40	10.44	97.84	44.36	****	95.29	73.68	****	23.29	5.13	****
30	28.36	****	****	42.12	58.41	****	57.75	43.08	89.03	43.99	****	61.87
31	18.80	****	****	****	20.22	****	64.93	****	****	50.65	****	40.80
GROSS TOTAL	705.70	601.31	837.90	1,145.78	1,191.49	1,070.76	1,372.50	1,361.23	1,132.45	1,011.16	905.55	790.57
	22	22	21	22	23	20	22	22	21	24	20	21
RECYCLED	1.67		7.70	5.03	15.33	3.13		3.57	96.15	3.02		3.96
NET TOTAL	704.03	601.31	830.20	1,140.75	1,176.16	1,067.63	1,372.50	1,357.66	1,036.30	1,008.14	905.55	786.61
AVG DAILY	32.08	27.33	39.90	52.08	51.80	53.54	62.39	61.87	53.93	42.13	45.28	37.65
CLEAN GREEN	0.00	4.36	38.59	69.49	51.40	30.38	34.18	21.91	13.43	31.08	5.28	5.83

YEAR TO DATE TOTAL..... 12,126.4 TONS

RECYCLED TONAGE... 139.56 TONS

WORKING DAYS... 260 DAYS

CLEAN GREEN 305.93 TONS

EMERY COUNTY

LANDFILL



P.O. Box 9
470 W. CR417 (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

Moving Toward The Future

METHANE GAS MONITORING

DATE: 12-3-08

TIME: 12:35

LOCATION

GAS DETECTED

NONE

Fence - Northwest Corner

☐ _____

☒

Fence - Northeast Corner

☐ _____

☒

Fence - Southwest Corner

☐ _____

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Fence - Southeast Corner

☐ _____

☒

Landfill Office

☐ _____

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Landfill Entrance

☐ _____

☒

Covered Area

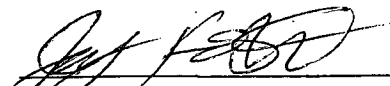
☐ _____

☒

Operating Face

☐ _____

☒


Signature

Loader

☐ _____

☒

Compactor

☐ _____

☒

EMERY COUNTY

LANDFILL



P.O. Box
470 W. CR-17 (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

Moving Toward The Future

METHANE GAS MONITORING

DATE: 10-3-08

TIME: _____

LOCATION

GAS DETECTED

NONE

Fence - Northwest Corner

☐ _____

☒

Fence - Northeast Corner

☐ _____

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Fence - Southwest Corner

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Fence - Southeast Corner

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Landfill Office

☐ _____

☒

Landfill Entrance

☐ _____

☒

Covered Area

☐ _____

☒

Operating Face

☐ _____

☒

Eric Nielsen

Signature

Loader OK

Compactor OK

MST

EMERY COUNTY

LANDFILL



P.O. Box 8
470 W. CR41 / (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

Moving Toward The Future

METHANE GAS MONITORING

DATE: 9-19-08

TIME: 9:00

LOCATION

GAS DETECTED

NONE

Fence - Northwest Corner

☐ _____

☒

Fence - Northeast Corner

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Fence - Southwest Corner

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Fence - Southeast Corner

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☒

Landfill Office

☐ _____

☒

Landfill Entrance

☐ _____

☒

Covered Area

☐ _____

☒

Operating Face

☐ _____

☒

Eris Hilser
Signature

loader None
compactor None

MS

EMERY COUNTY

LANDFILL



P.O. Box 8:
470 W. CR41 / (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

Moving Toward The Future

METHANE GAS MONITORING

DATE: 8-27-08

TIME: 3:45

LOCATION

GAS DETECTED

NONE

Fence - Northwest Corner

☐ _____

☒

Fence - Northeast Corner

☐ _____

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Fence - Southwest Corner

☐ _____

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Fence - Southeast Corner

☐ _____

☒

Landfill Office

☐ _____

☒

Landfill Entrance

☐ _____

☒

Covered Area

☐ _____

☒

Operating Face

☐ _____

☒

Eric Wilson
Signature

compactor
loader

None
None

MA

EMERY COUNTY LANDFILL



MS

P.O. Box
470 W. CR417 (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

Moving Toward The Future

METHANE GAS MONITORING

DATE: 7-15-08

TIME: 10:00

<u>LOCATION</u>	<u>GAS DETECTED</u>	<u>NONE</u>
Fence - Northwest Corner	<input type="checkbox"/> _____	<input checked="" type="checkbox"/>
Fence - Northeast Corner	<input type="checkbox"/> _____	<input checked="" type="checkbox"/>
Fence - Southwest Corner	<input type="checkbox"/> _____	<input checked="" type="checkbox"/>
Fence - Southeast Corner	<input type="checkbox"/> _____	<input checked="" type="checkbox"/>
Landfill Office	<input type="checkbox"/> _____	<input checked="" type="checkbox"/>
Landfill Entrance	<input type="checkbox"/> _____	<input checked="" type="checkbox"/>
Covered Area	<input type="checkbox"/> _____	<input checked="" type="checkbox"/>
Operating Face	<input type="checkbox"/> _____	<input checked="" type="checkbox"/>

Fiona Halber
Signature

Loader *OK*
compactor *OK*

EMERY COUNTY

LANDFILL



P.O. Box 8
470 W. CR411 (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

Moving Toward The Future

METHANE GAS MONITORING

DATE: 7-1-08

TIME: 10:30

LOCATION

GAS DETECTED

NONE

Fence - Northwest Corner

☐ _____

☒

Fence - Northeast Corner

☐ _____

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Fence - Southwest Corner

☐ _____

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Fence - Southeast Corner

☐ _____

☒

Landfill Office

☐ _____

☒

Landfill Entrance

☐ _____

☒

Covered Area

☐ _____

☒

Operating Face

☐ _____

☒

Eric Thibault
Signature

Loader *None*

Compactor *None*

ms

EMERY COUNTY LANDFILL



P.O. Box 8
470 W. CR4. (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

Moving Toward The Future

METHANE GAS MONITORING

DATE: 5-30-08

TIME: 12:00

LOCATION

GAS DETECTED

NONE

Fence - Northwest Corner

☐ _____

☒

Fence - Northeast Corner

☐ _____

☒

Fence - Southwest Corner

☐ _____

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Fence - Southeast Corner

☐ _____

☒

Landfill Office

☐ _____

☒

Landfill Entrance

☐ _____

☒

Covered Area

☐ _____

☒

Operating Face

☐ _____

☒

Eric Nielsen

Signature

Loader None
compactor None

EMERY COUNTY

P.O. Box 8
470 W. CR411 (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

LANDFILL



Moving Toward The Future

METHANE GAS MONITORING

DATE: 3-29-08

TIME: 10:15

LOCATION

GAS DETECTED

NONE

Fence - Northwest Corner

☐ _____

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Fence - Northeast Corner

☐ _____

☒

Fence - Southwest Corner

☐ _____

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Fence - Southeast Corner

☐ _____

☒

Landfill Office

☐ _____

☒

Landfill Entrance

☐ _____

☒

Block Building

☐ _____

☒

Maintenance Building

☐ _____

☒

Covered Area

☐ _____

☒

Operating Face

☐ _____

☒

Erin Milson
Signature

MS

EMERY COUNTY LANDFILL



P.O. Box 2
470 W. CR417 (2900 N.)
Castle Dale, UT 84513

Telephone: (435) 381-2719
Fax: (435) 381-5239

Moving Toward The Future

METHANE GAS MONITORING

DATE: 2-21-08

TIME: 1:25 pm

LOCATION

GAS DETECTED

NONE

Fence - Northwest Corner

☐ _____

☒

Fence - Northeast Corner

☐ _____

☒

Fence - Southwest Corner

☐ _____

☒

Fence - Southeast Corner

☐ _____

☒

Landfill Office

☐ _____

☒

Landfill Entrance

☐ _____

☒

Covered Area

☐ _____

☒

Operating Face

☐ _____

☒


Signature



Tailgate

Safety Meeting Report

DATE: 9-18-08

CONDUCTED BY: Val & Eric

TOPIC(S): Seat Belts, fire extinguishers, fire prevention

COMMENTS _____

(Write any additional comments on the back of this sheet)

Meeting Attendance

(SIGN YOUR NAME)

- | | |
|-----------------------|-----------|
| 1. <u>Val Amato</u> | 11. _____ |
| 2. <u>Eric Wilson</u> | 12. _____ |
| 3. _____ | 13. _____ |
| 4. _____ | 14. _____ |
| 5. _____ | 15. _____ |
| 6. _____ | 16. _____ |
| 7. _____ | 17. _____ |
| 8. _____ | 18. _____ |
| 9. _____ | 19. _____ |
| 10. _____ | 20. _____ |

Tailgate

Safety Meeting Report

DATE: 9-2-08

CONDUCTED BY: Val & Eric

TOPIC(S): cell phones cause more accidents

COMMENTS I agree with the contents of
this message

(Write any additional comments on the back of this sheet)

Meeting Attendance

(PRINT YOUR NAME)

(SIGN YOUR NAME)

- | | |
|------------------------|---------------------|
| 1. <u>Val Anderson</u> | <u>Val Anderson</u> |
| 2. <u>Eric Nielsen</u> | <u>Eric Nielsen</u> |
| 3. _____ | _____ |
| 4. _____ | _____ |
| 5. _____ | _____ |
| 6. _____ | _____ |
| 7. _____ | _____ |
| 8. _____ | _____ |
| 9. _____ | _____ |
| 10. _____ | _____ |